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PATENT ABSTRACTS OF JAPAN

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(51) Intl. Cl.: H01M 2/16

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(71) Applicant: SONY CORP

(72) Inventor: TAKAHASHI NOBORU

(74) Representative:

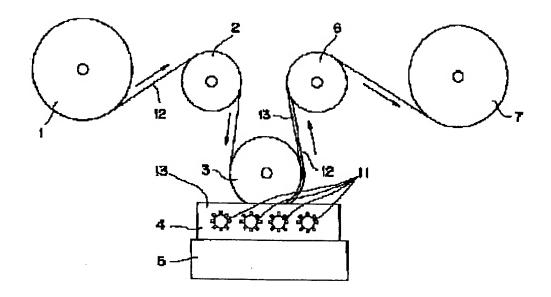
(54) MANUFACTURE OF SEPARATOR FOR BATTERY

(57) Abstract:

PURPOSE: To prepare a precise separator extremely easily within a short time by combining a porous film and a low molecular weight polyolefine with optional melting point; wherein the fine pores of the film in the separator can be closed at optional temperature.

CONSTITUTION: A charged porous film 12 is sent to a heater roller 3 set at the temperature lower by 0.5 to several degrees than the melting point of low molecular weight polyolefinebased wax fine particles 13 which are to be thermally pressed to the film, and then the porous film 12 charged by the heater roller 3 is sent to a wax fine particle stirring tank 4 filled with the wax fine particles 13 through an open mouth part 4a. As a result, the wax fine particles 13 adhere to the charged porous film 12 due to electrostatic force and the wax fine particles 13 are immediately softened and stuck to the porous film 12.

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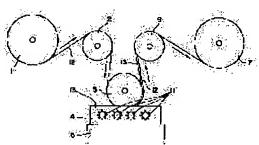
(72)Inventor: TAKAHASHI NOBORU

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TAKAHASHI NOBORU

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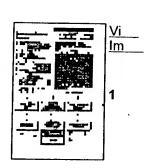
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